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(54) Title: NOVEL HERBICIDES BASED ON SUBSTITUTED THIEN-3-YL-SULPHONYLAMINO(THIO)CARBONYL-TRI-AZOLIN(THI)ONES AND 4-HPPD-INHIBITORS

(54) Bezeichnung: NEUE HERBIZIDE AUF BASIS VON SUBSTITUIERTEN THIEN-3-YL-SULFONYLAMINO(THIO)CARBONYL-TRIAZOLIN(THI)ONEN UND 4-HPPD-HEMMSTOFFEN

(57) Abstract: The invention concerns herbicides, characterised in that they contain an effective amount of an active substance combination consisting of (a) at least one substituted thien-3-yl-sulphonylamino(thio)carbonyl-triazolin(thi)one of general formula (I), in which R\(^1\), R\(^2\) and R\(^3\) are defined as indicated in the description, or salts of the compounds of formula (I); and (b) one or more compounds taken from a second group of herbicides that contains selected 4-HPPD inhibitors; and optionally also (c) a compound that improves the resistance of cultivated plants. The invention also concerns the use of the herbicides for combating unwanted plant growth and a method for producing the herbicides.

(57) Zusammenfassung: Die Erfindung betrifft herbizide Mittel, gekennzeichnet durch einen wirksamen Gehalt an einer Wirkstoffkombination bestehend aus (a) zumindest einem substituierten Thien-3-yl-sulfonylamino(thio)carbonyl-triazolin(thi)on der allgemeinen Formel (I), in welcher R\, R\, and R\, wie in der Beschreibung angegeben definiert sind - oder Salzen der Verbindungen der Formel (I) - und (b) einer oder mehrerer Verbindungen aus einer zweiten Gruppe von Herbiziden, welche ausgewählte 4-HPPD-Hemmstoffe enthält, und gegebenenfalls zusätzlich (c) einer die Kulturpflanzen-Verträglichkeit verbessemden Verbindung. Die Erfindung betrifft weiterhin die Verwendung der Mittel zur Bekämpfung von unerwünschtem Pflanzenwuchs und ein Verfahren zur Herstellung der Mittel.

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